

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-030

| WORKING STANDARD USED | | | | | | |
|-----------------------|---------------|--------|------------|-------------------|------------------|-----------------|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Calibration Date: | Calibration Due: | Calibration By: |
| 25171 | ION | 775 | 6779 | 8/8/07 | 8/8/08 | JPL |

| AIR IONIZER INFORMATION | | | | | | |
|-------------------------|---------------|-----------------|-------------|--------------------|-------------------|------------------|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Verification Date: | Verification Due: | Verification By: |
| 28303 | SIMCO | Aerosol PC | 33674324T | 3-19-08 | 7-11-08 | (JPL 36) |
| Inspector: | Location: | Owner: | Fail: Y/N ? | Cleaned: Y/N ? | Adjusted: Y/N ? | Prior Sequence# |
| Minh Do | 317/211-TB1 | John Marcjewski | N | N | N | NA |

| VERIFICATION DATA | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-----------|
| HBM Sensitivity Level: <u>50</u> \checkmark (from Table 1) | | | | | |
| Fan controller setting: <u>High</u> (High, Low, NA) | | | | | |
| Distance of ionizer from the charge plate: <u>30"</u> | | | | | |
| Ionizer Float Potential Tolerance \pm <u>50</u> Vdc. (from Table 1) | | | | | |
| Measured Float Potential values recorded below. | | | | | |
| 1 | 2 | 3 | 4 | 5 | Comments: |
| -10 Vdc. | -10 Vdc. | -10 Vdc. | -10 Vdc. | -10 Vdc. | |
| Ionizer Discharge Voltage Range: \pm 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1) | | | | | |
| Ionizer Discharge Time Tolerance: <u>20</u> seconds. (from Table 1) | | | | | |
| Measured Discharge Time in second(s) and recorded values below. | | | | | |
| 1 (+1000 to +Vdc) | 2 (+1000 to +Vdc) | 3 (+1000 to +Vdc) | 4 (+1000 to +Vdc) | 5 (+1000 to +Vdc) | Comments: |
| 6.9 sec | 7.9 sec | 7.2 sec | 7.5 sec | 7.6 sec | |
| 1 (-1000 to -Vdc) | 2 (-1000 to -Vdc) | 3 (-1000 to -Vdc) | 4 (-1000 to -Vdc) | 5 (-1000 to -Vdc) | Comments: |
| 11.8 sec | 11.1 sec | 10.9 sec | 9.8 sec | 9.2 sec | |

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.